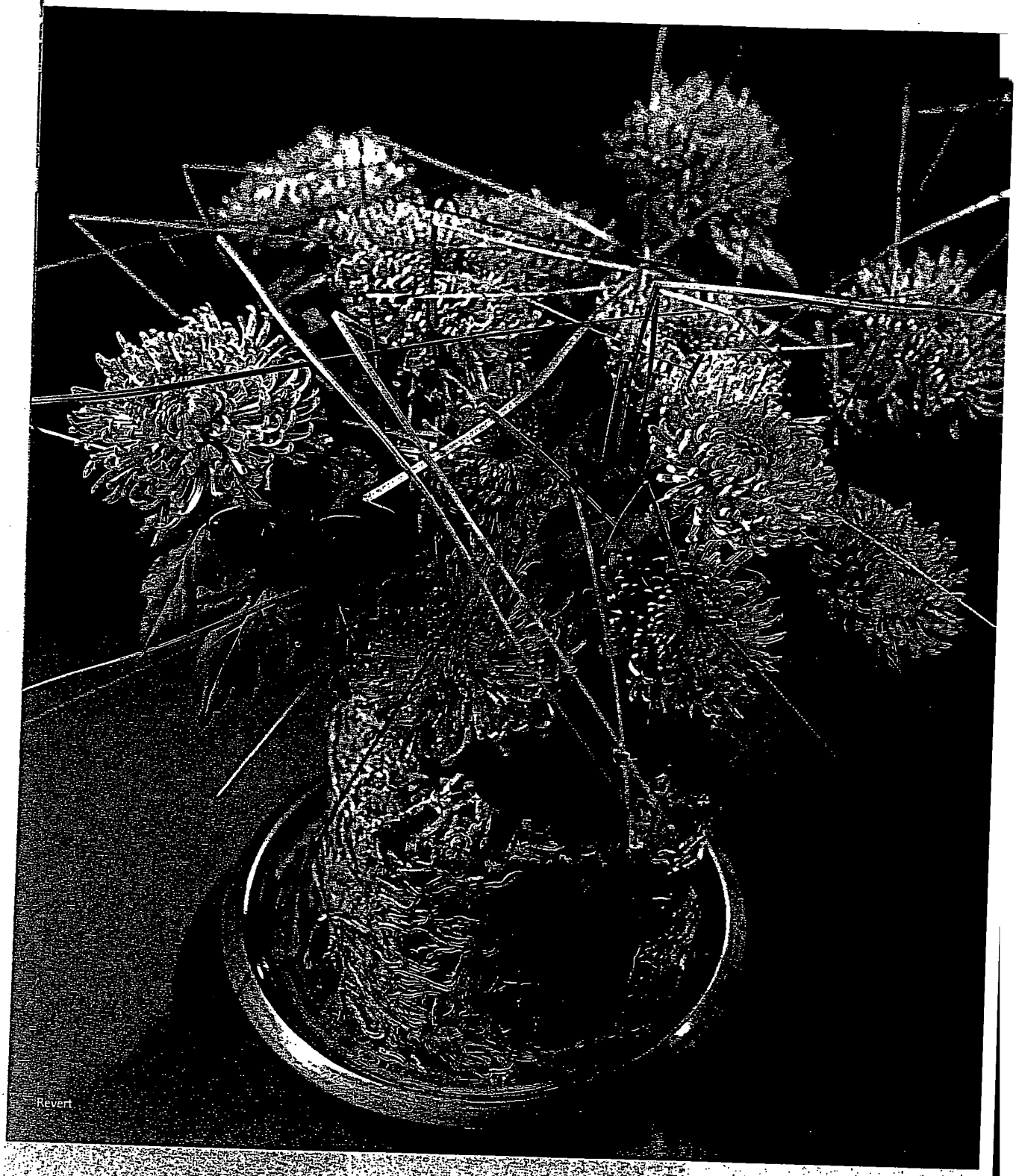
CATALOGUE 2003

CHRYSANTHEMUM
BREEDERS
ASSOCIATION

BEST AVAILABLE COPY

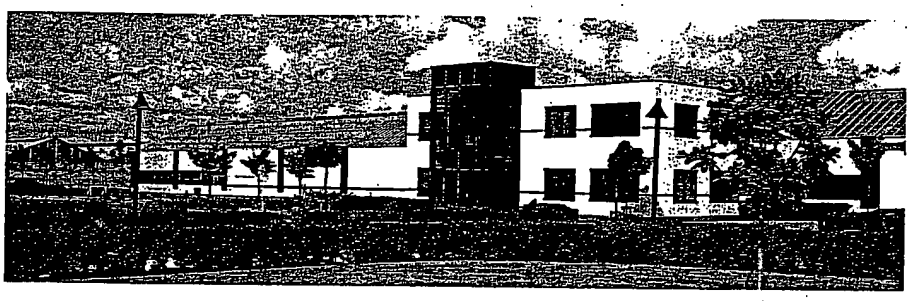

Revert

Combining innovation and skills

As the new general manager of CBA Research B.V. I am proud to present our recent achievements. The contents of the CBA catalogue 2003 reflect the careful combination of skilful breeding and extensive testing as carried out at CBA Research, leading to the successful development of several novelties.

For 25 years CBA has specialised in the breeding of Chrysanthemum varieties, which today are cultivated in greenhouses world-wide. Recently our research facilities in Rijsenhout, the Netherlands, have been extended to 2.7 ha, making thorough trials of new varieties possible. Our dedicated team of breeders has succeeded in creating innovative varieties, such as Artist® Pink and Artist® Yellow, two spectacular and unique spray Chrysanthemums; Sizzle®, a spray Chrysanthemum with a striking colour scheme; Two Tone, a new bicolour spray and Panther®, an orange daisy type with excellent growth characteristics. Also worth mentioning is Akiko, a splendid novelty disbud. The Costa® family is a new series of santinis, which has recently been developed. These are available in five different colours and therefore suitable for combined cultivation in greenhouses. Ellison and Mc Kinley are two new pot Chrysanthemums with fresh yellow flowers. In our efforts to satisfy the needs of our customers for alternative products, we have also included the breeding of asters in our program. Star Pink (cut aster) and Fortuna (pot aster), both with lovely pink flowers will extend the colour range available for asters.

In co-operation with the propagators Royal Van Zanten and Sunfield Holland we can be of even more service to you. The three companies combined have a strong global position in breeding and propagation of several products and a world-wide network of agents is available to assist you. The team of professionals from these three companies can supply you with plant material and up-to-date technical information about our products. To obtain a licence concerning propagation of our products you can contact the office of CBA N.V. in Curaçao.



When you are in the Netherlands, I would like to invite you to visit us at our newly extended greenhouse in Rijsenhout, to learn more about the innovative development of our products and especially... to witness the beauty of our flowers!

Rijsenhout, October 2002



Nico A. van Ruiten
General Manager CBA *Research* B.V.



Reagan Elite White



Reagan Elite Improved



Reagan Elite Splendid



Reagan Splendid Dark



Reagan Lemon



Reagan Elite Cream



Reagan Elite Yellow



Reagan Elite Sunny



Sizzle©





















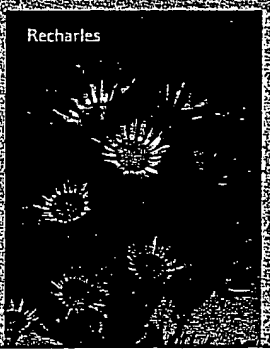




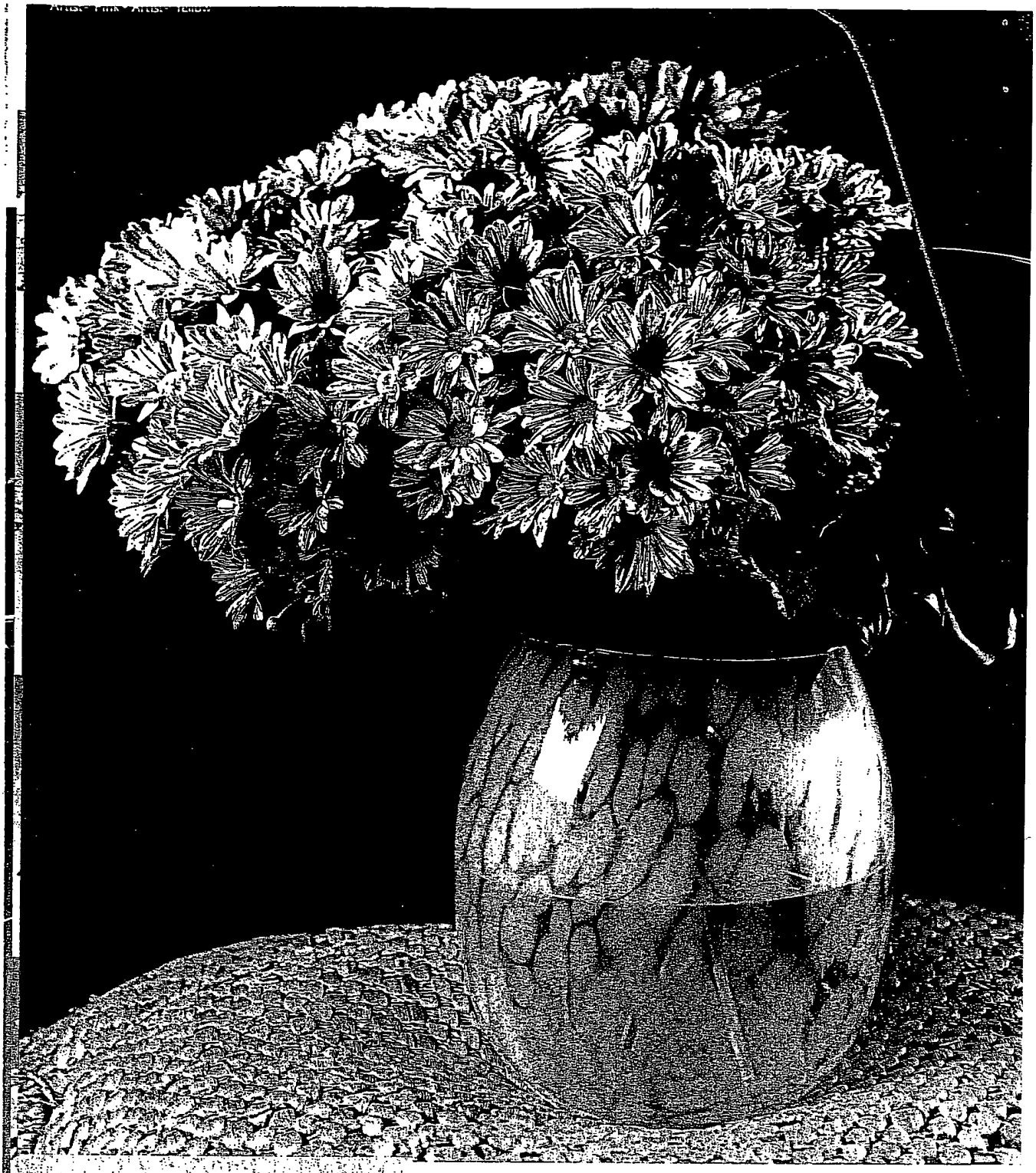








Spray Chrysanthemum




Artist® Pink
NEW


Artist® Yellow
NEW


Repulse


Repulse®

Spray Chrysanthemum

		Name	Days	Colour	Spread		Colour centre	Photo
White								
Anemone		Spacer®	7	white			green	04-32
Daisy		Reagan Elite White	7	white			green	01-52
		Reagan Mundo White	7	white		CT	green	01-52
		Reagan White	7.5	white			green	01-52
Decorative		Rebonnet	6.5	white			green	50-36
	NEW	Redock White	6.5	white			green	01-52
		Resolute	7	white			green	01-35
Yellow • Cream								
Anemone		Require	7	yellow			yellow	01-35
		Relinda Sunny	7.5	yellow		CT	green	01-32
		Regatta	8	yellow			green	01-32
Daisy	NEW	Redock Yellow	6.5	yellow			green	01-52
		Reagan Elite Cream	7	cream	cream		green	01-52
		Reagan Elite Sunny	7	sunny			green	01-52
		Reagan Elite Yellow	7	yellow			green	01-52
	NEW	Artist® Yellow	7.5	yellow			green	01-52
		Reagan Cream	7.5	yellow	cream		green	01-52
		Reagan Golden	7.5	yellow	golden		green	01-52
		Reagan Lemon	7.5	yellow	lemon		green	01-52
		Reagan Mundo Yellow	7.5	yellow		CT	green	01-52
		Reagan Sulphur	7.5	yellow	light		green	01-52
		Reagan Sunny	7.5	yellow	dark		green	01-52
		Reagan Yellow	7.5	yellow			green	01-52
		Reyellow	8	yellow	dark		green	01-52
		Vyking	8	yellow	dark		brown	01-36
		Regoltime	9	yellow	dark		green	01-52
Pink • Purple • Salmon • Apricot • Cherry								
Daisy		Redock Improved	6.5	pink	dark		green	01-52
		Redock Salmon	6.5	salmon			green	01-52
		Reagan Elite	7	pink			green	01-52
		Reagan Elite Improved	7	pink	dark		green	01-52
		Reagan Elite Salmon	7	salmon			green	01-52
		Reagan Elite Splendid	7	purple			green	01-50
	NEW	Artist® Pink	7.5	pink			green	01-35
		Reagan	7.5	pink			green	01-52
		Reagan Cherry	7.5	cherry			green	01-52
		Reagan Currant	7.5	salmon	dark		green	01-52
		Reagan Improved	7.5	pink	dark		green	01-52













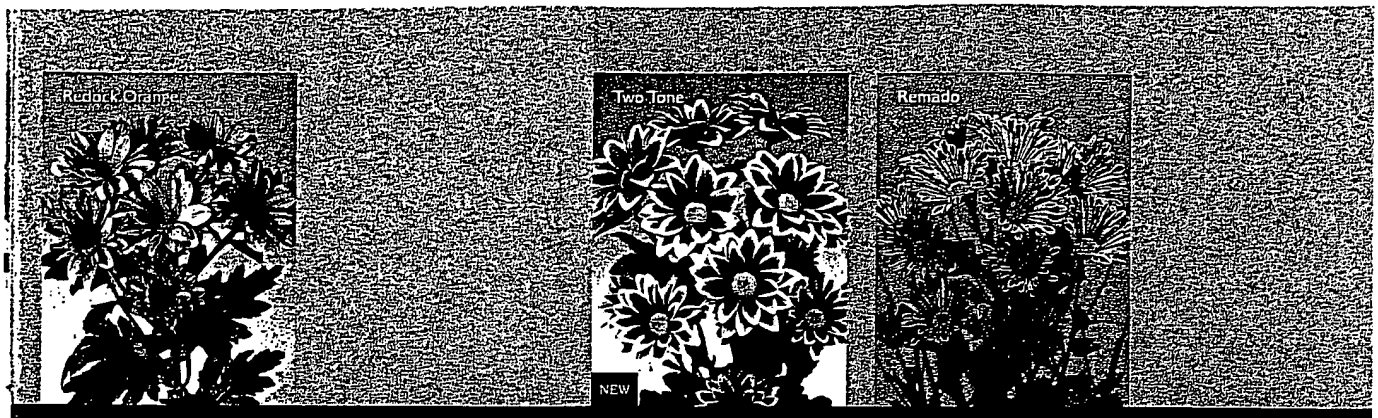


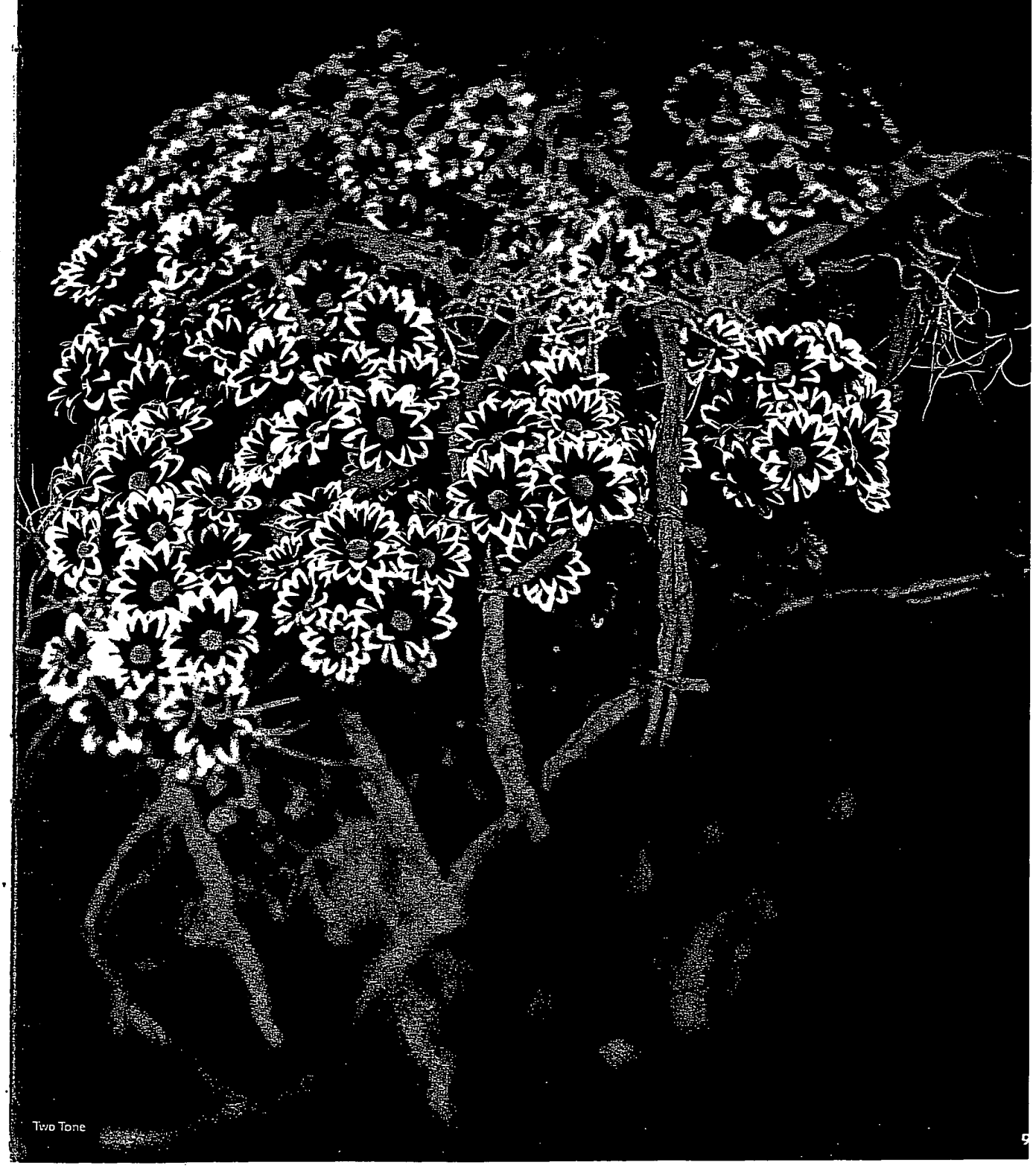






Name	Response	Colour petals	Specification	Colour centre	Plant		
Spray Chrysanthemum Pink • Purple • Salmon • Apricot • Cherry							
Daisy	Reagan Mundo Pink	7.5	pink	CT	green	01-52	
	Reagan Mundo Dark	7.5	pink	dark	CT	green	01-52
	Reagan Peach	7.5	apricot	dark		green	01-52
	Reagan Pearl	7.5	pink	pale		green	01-52
	Reagan Rosy	7.5	pink	light		green	01-52
	Reagan Rosy Dark	7.5	pink	dark		green	01-52
	Reagan Salmon	7.5	salmon			green	01-52
	Reagan Splendid	7.5	purple	light		green	01-52
	Reagan Splendid Dark	7.5	purple	dark		green	01-52
Spoon	Hubble	7	pink	dark		green	01-35
	Remado	7	pink			green	01-35
	Recharles	7.5	pink / white			green	01-35
	Sizzle®	7.5	pink / cream			green	01-35
Orange • Red • Bronze							
Daisy	Redock Orange	6.5	orange			green	01-52
	Redock Scarlet	6.5	orange	dark		green	01-52
	Panther®	7	orange			green	46-38
	Reagan Elite Orange	7	orange			green	01-52
	Rebasco	7	red			green	01-52
	Reagan Bronze	7.5	bronze			green	01-52
	Reagan Mundo Orange	7.5	orange		CT	green	01-52
	Reagan Orange	7.5	orange			green	01-52
	Reagan Orange Dark	7.5	orange	dark		green	01-52
	Reagan Red	7.5	red			green	01-52
	Reagan Red Ruby	7.5	red	dark		green	01-52
	Reagan Scarlet	7.5	red	light		green	01-52
	Relance	7.5	red			green / yellow	02-34
	Vyking Orange	8	orange			brown	01-36
Spoon	Reballet	7	orange	light		green / yellow	01-52
	Repulse	8	red / yellow			green	05-32
Green							
Spider	Revert	8	green			green	50-36
Bicolour							
Daisy	Two Tone	7	purple / white			green	04-32
	Remix	7.5	purple / white			green	50-38
	Remix Golden	7.5	red / yellow			green	46-38
	Remix Red	7.5	red / yellow			green	46-38
	Remix Yellow	7.5	yellow / red			green	50-38
	Flairisse	7.5	yellow / red			green	04-36





Two Tone

Santini

White							
Anemone	Reggie	6.5	white		CT	yellow / green	01-52
Daisy	Bingo®	6	white			green	01-52
	Alfa	6.5	white			green	04-35
	Believe	6.5	white			green	06-36
	Bliss	6.5	white			green	06-36
	Bush®	6.5	white			green	01-52
	Vysnow	6.5	white			green	01-36
	Boxer	7	white			green	01-52
	Costa® White	7	white			green	01-52
	Blizzard	7.5	white			green	01-52
Pompon 	Dino	7	white			green	01-52
Spoon	Billion	7	white			white	01-52
Yellow · Cream							
Daisy	Bingo® Yellow	6	yellow			green	01-52
	Bondstreet	6	yellow	golden		green	01-52
	Alfa Cream	6.5	cream			green	04-35
	Beach	6.5	yellow			green	01-52
	Bush® Yellow	6.5	yellow			green	01-52
	Vydream	6.5	yellow			green	01-36
	Vygold	6.5	yellow	dark		brown	01-36
	Vymini	6.5	yellow	dark		brown	01-36
	Barney®	7	yellow			green	01-52
	Clip	7	yellow			green	01-40
	Costa® Cream	7	cream			green	01-52
	Costa® Yellow	7	yellow			green	01-52
	Blizzard Cream	7.5	cream			green	01-52
	Buzzer	7.5	yellow			green	01-36
	Relight Cream	8	yellow	light		green	01-52
	Relight Yellow	8	yellow			green	01-52
Pompon	Restone	7	yellow	red tip		yellow	01-52
Spider	Billion Yellow	7	yellow			green	06-36
Pink · Purple · Salmon · Apricot · Cherry							
Anemone	Reggie Pink	6.5	pink	light	CT	yellow / green	01-32
	Renella	7	purple	dark		purple	01-36
Daisy	Body	6	cherry			green	01-52
	Bandit	6.5	pink			green	06-36
	Birette	6.5	pink			green	01-52
	Baron	7	pink			green	01-52
	Baron Splendid	7	purple			green	01-52
	Baron Salmon	7	salmon			green	01-52
	Baron Apricot	7	apricot			green	01-52
	Classic	7	pink	light		green	01-40
	Costa® Pink	7	pink			green	01-52
	Costa® Salmon	7	salmon			green	01-52
	Allegro	7.5	pink			green	01-52
	Booster	7.5	pink			green	01-52
	Pegro	8	purple			green	06-36
Spider	Billion Pink	7	pink			yellow	06-36

Orange • Red • Bronze							
Daisy	Bristly	6	orange			green	01-52
	Berry	6.5	red			green	50-38
	Buffalo	6.5	orange			green	06-36
	Refury	6.5	bronze			yellow	01-36
	Bistro	7	orange			green	06-36
	Bistro Red	7	red			green	06-36
	Bronsky	7	bronze			green	01-52
	Vygold Orange	7	orange			black	01-52
	Allegro Orange Dark	7.5	orange	dark		green	01-52
	Beano	7.5	orange			green	01-36
	Catchup	7.5	red			green	01-35
Pompon	Restone Red	7	red			red	01-52
Bicolour							
Daisy	Breeze	7.5	yellow / red		CT	green / yellow	01-36







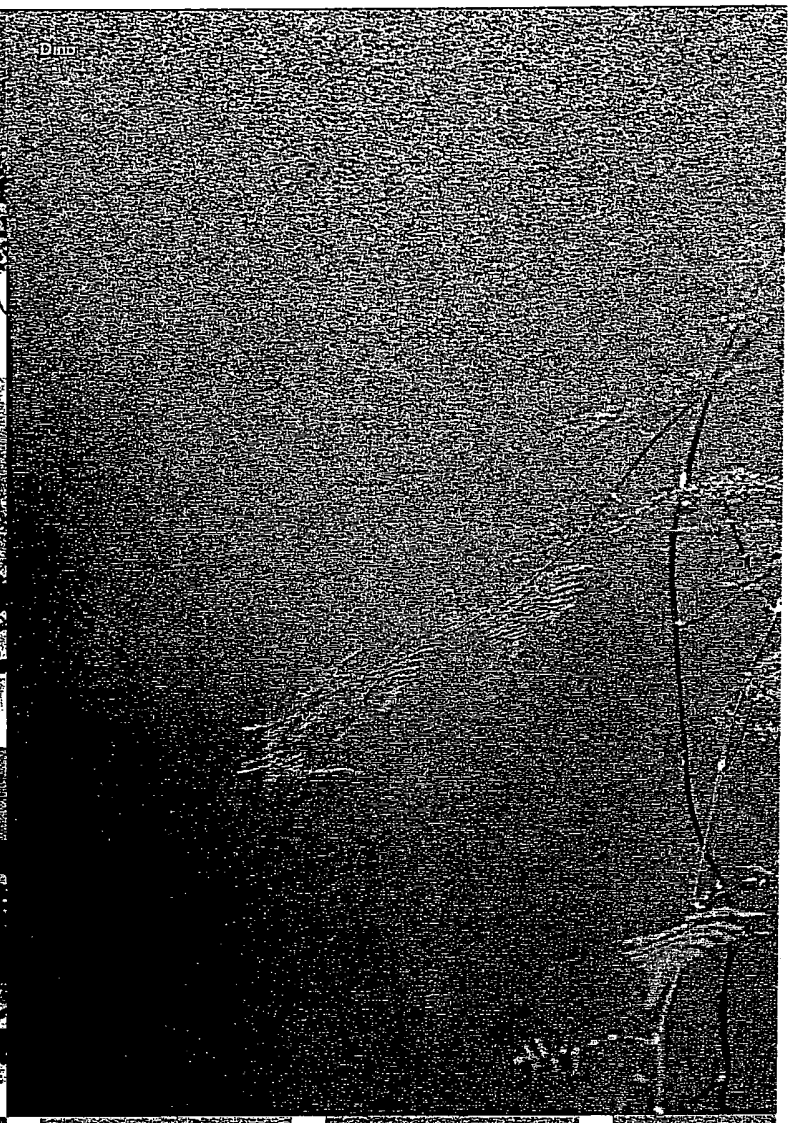







Restone


Birette


Dino


Booster

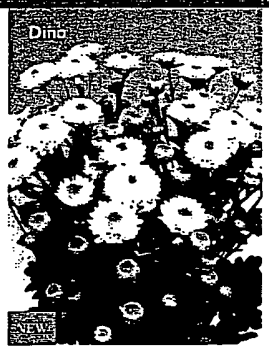



Bistro Red


Renella


Bush


Bush Yellow
NEW

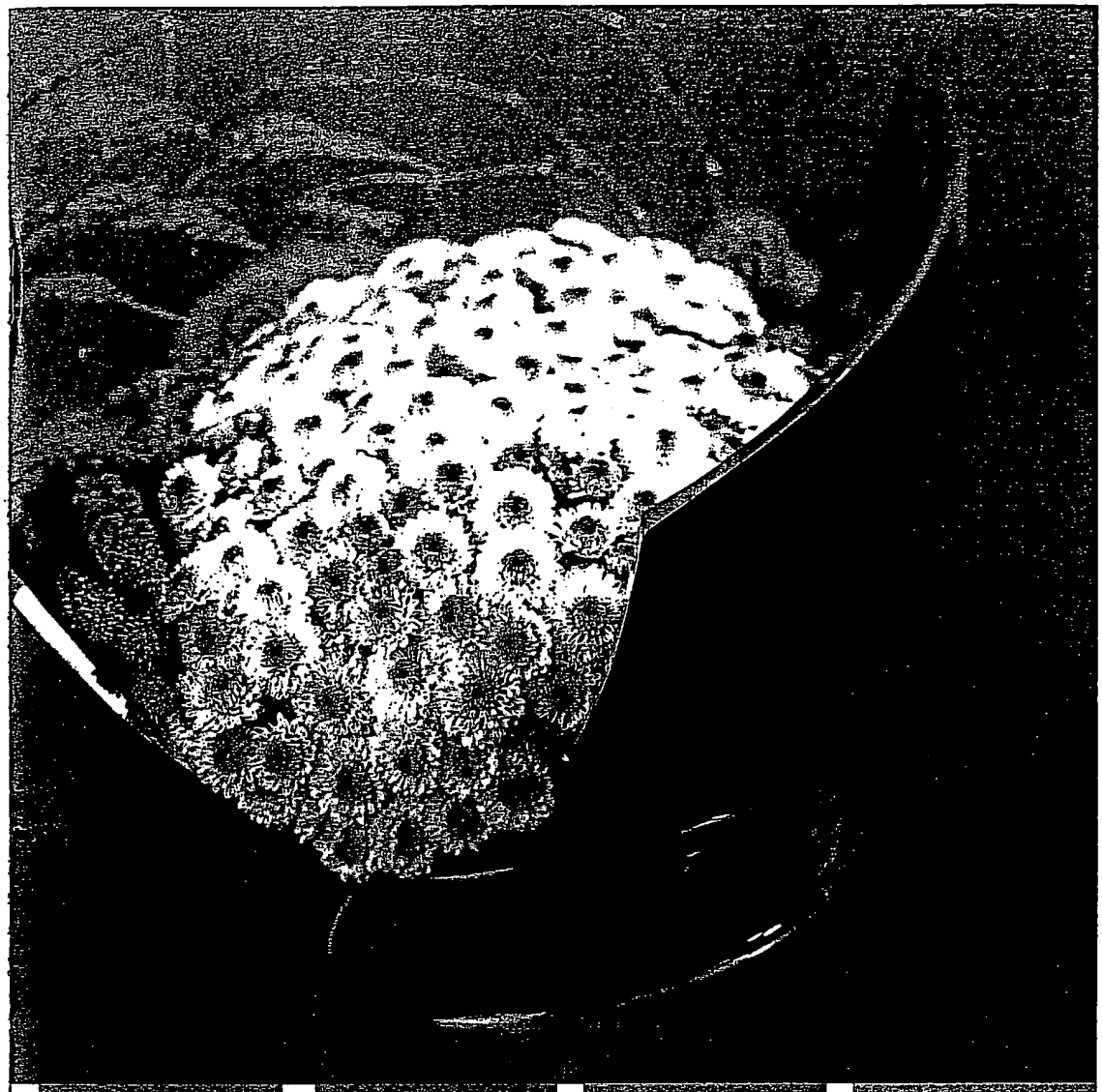

Dino
NEW


Baron


Vygold

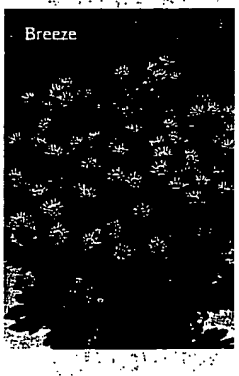

Billion

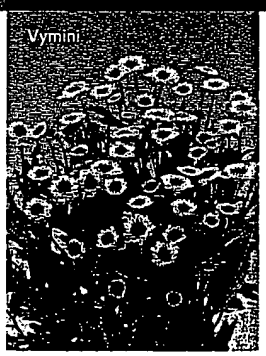

Billion Yellow

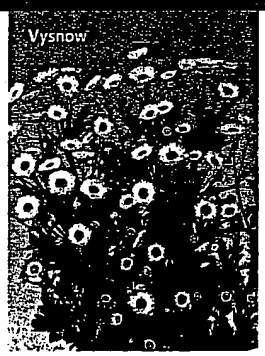



Classic


Alfa


Breeze


Vymini


Vysnow

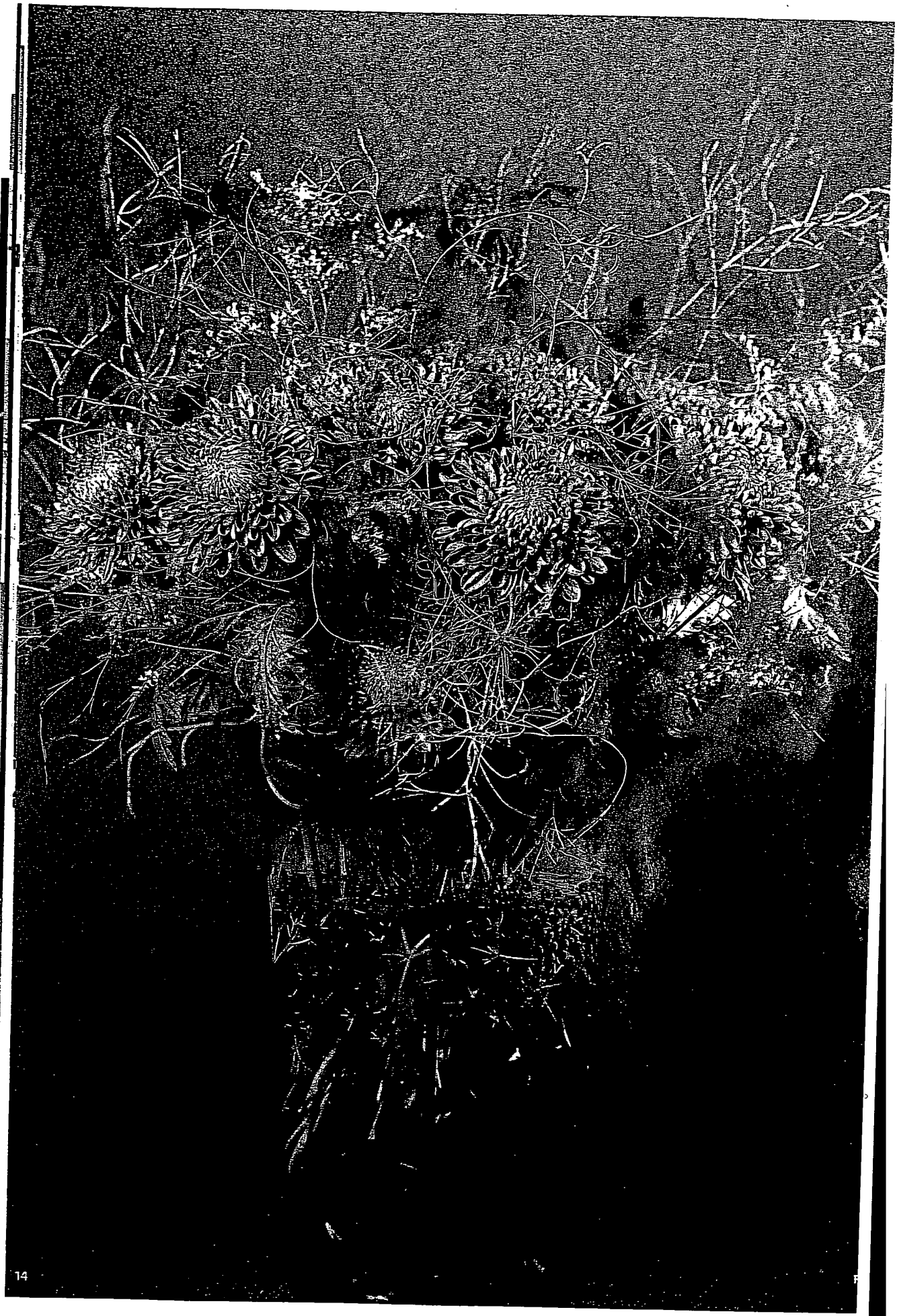

Refury


Bingo


Vydream


Bandit

Santini



Disbudded Chrysanthemum

	Name	Response	Colour petals	Specification (Cascade)	Colour centre	Plant week
White						
Decorative	Rebonnet	6.5	white		white	50-36
	Resolute	7	white		white	01-35
	Reflex	7.5	white		white	06-36
	Revoir	7.5	white		white / cream	01-52
	Resomee White	8	white		white	01-35
Yellow						
Decorative	Residence	7	yellow		yellow	06-36
Pink						
Decorative	Akiko	8	pink		green / yellow	04-32
	Repertoire	8	pink		pink	06-36
	Resomee	8	pink		pink	01-35
	Resomee Dark	8	pink	dark	pink	01-35
Bronze						
Decorative	Resoud	7	bronze		bronze	08-36
Green						
Spider	Revert	8	green		green	50-36

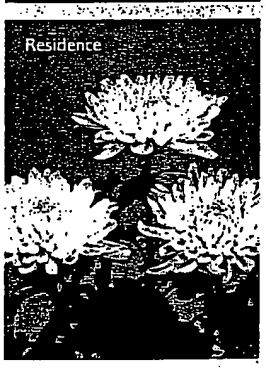




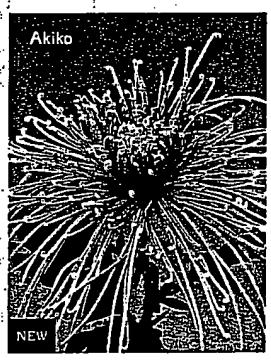


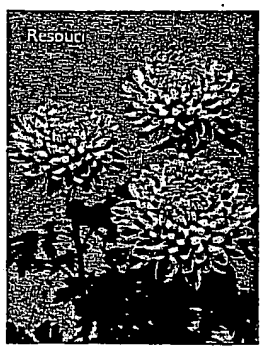










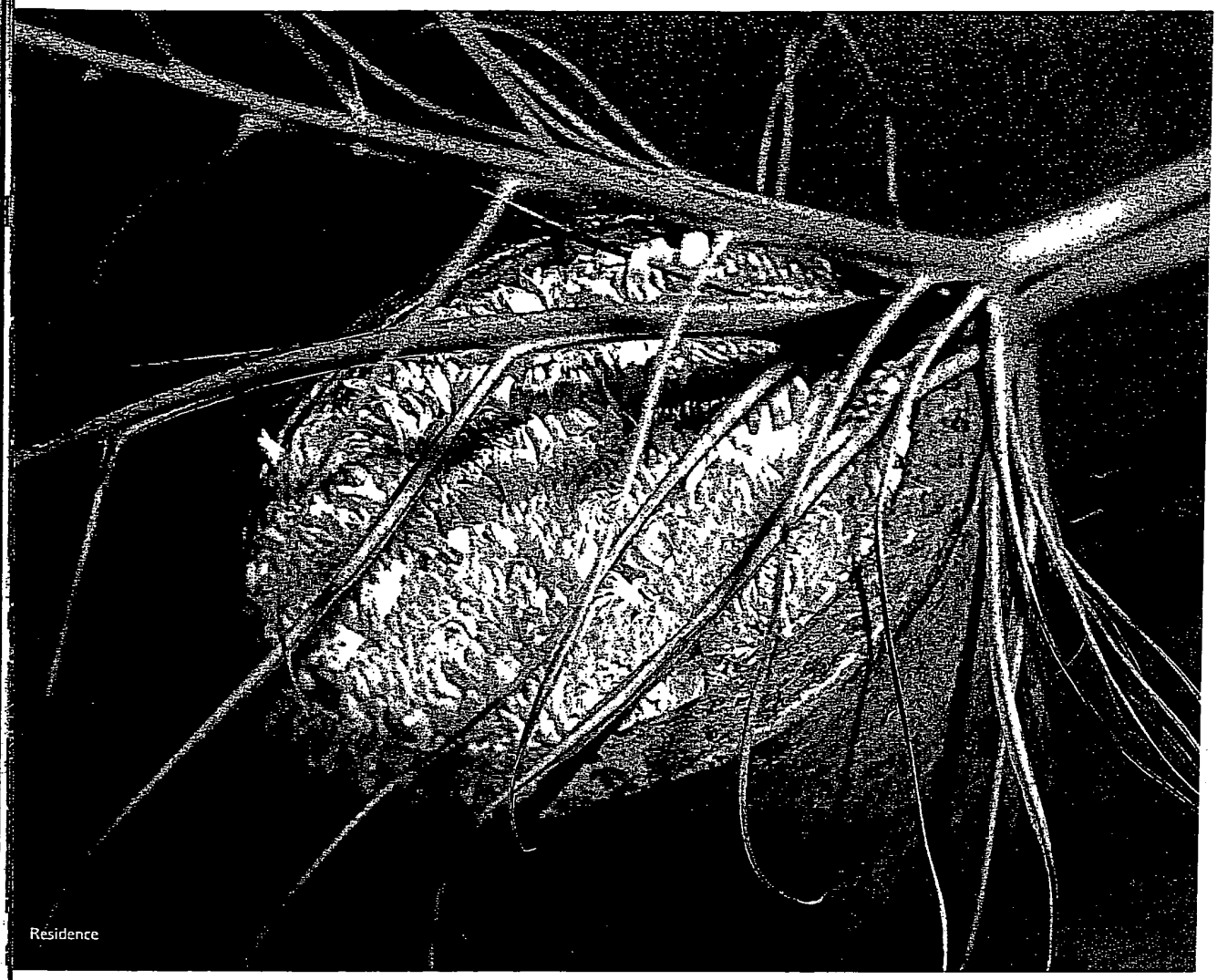








Disbuds



Residence



Halifax Yellow



Halifax



Hutch



Tasman



Elliot



Michael



Kompas

Pot Chrysanthemum

White						
Anemone	Whitney	7	white		green	02-34
	Halifax	8	white		green / white	50-34
Daisy	Tasman	7	white		green	01-32
	Grant	7.5	white		green	01-34
Yellow • Cream						
Anemone	Mc Kinley	6.5	yellow		yellow	50-34
	Kompas	7	yellow	lemon	yellow	01-34
	Cachi	7.5	yellow		yellow / brown	01-34
	Ellison	7.5	yellow		yellow	50-34
	Parnassus	7.5	yellow		yellow	01-34
	Halifax Cream	8	cream		cream	50-36
	Halifax Yellow	8	yellow		yellow	50-36
Daisy	Powell	7	yellow	yellow	green	50-34
	Hoggar	7.5	yellow	dark	green	50-32
	Virunga Yellow	7.5	yellow		green	01-34
	Vymini	8.5	yellow	dark	brown	01-34
Spoon	Choop	7	yellow		yellow	02-34
Pink • Purple • Salmon						
Anemone	Mc Brian	7	purple		purple	01-34
	Etna	7.5	white / pink		pink	50-34
Daisy	Crossley	7	pink	purple	green	01-34
	Travers	7	pink	pink	green	50-34
	Elgon Currant	7.5	salmon	dark	green	01-34
	Elgon Dark	7.5	pink	dark	green	01-34
	Evans	7.5	purple		green	05-34
	Floydd	7.5	pink	light	green	50-34
	Garnett	7.5	purple	dark	green	02-32
	Conner	8	pink	light	yellow / green	01-34
	Michelson	8	pink		green / pink	01-34
Decorative	Patterson	7.5	pink	soft	pink	50-34
Spoon	Scott	8	purple		green	06-36
Orange • Red • Bronze						
Daisy	Fito	6.5	orange		green	04-34
	Hayes	7	orange	bronze	green	50-34
	Elliot	7.5	red		green	01-34
	Stokes	7.5	orange	bronze	green	01-34
	Summit	7.5	red	orange	green / yellow	01-32
	Trumbull	7.5	red		red	02-32
	Virunga	7.5	orange		green	01-34
	Virunga Bronze	7.5	bronze		green	01-34
Bicolour						
Daisy	Marvine	6.5	purple / white		green	01-34
	Bajimba	7	yellow / red	flame	green	50-34
	Hutch	7	yellow / red		green	01-34
	Wheeler	7.5	red / yellow		green / yellow	01-34

Pot Chrysanthemum























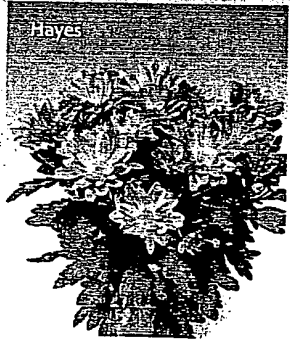


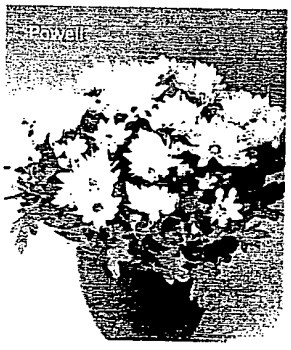








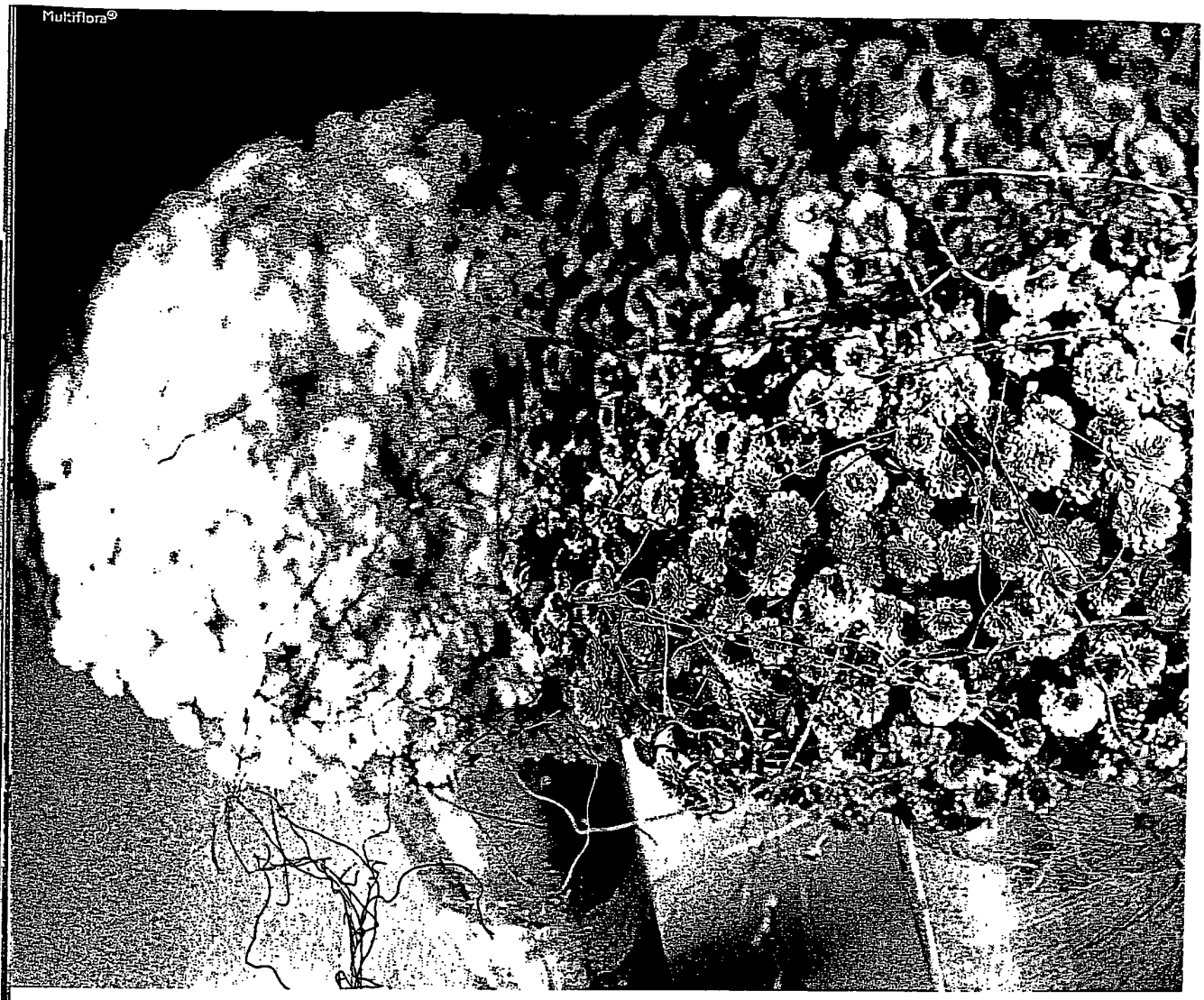


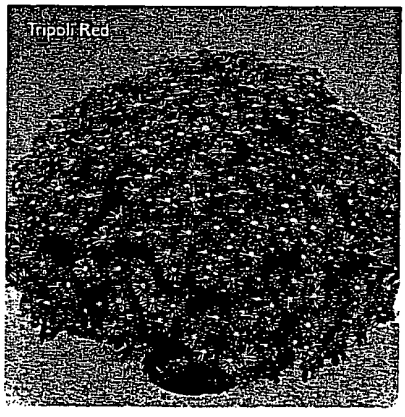


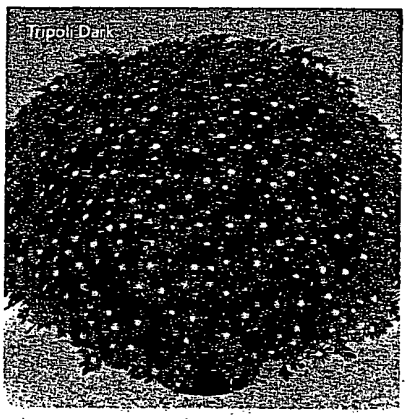


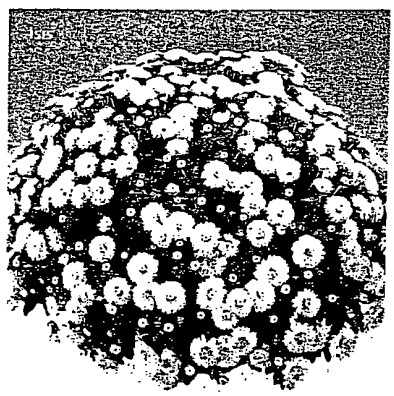


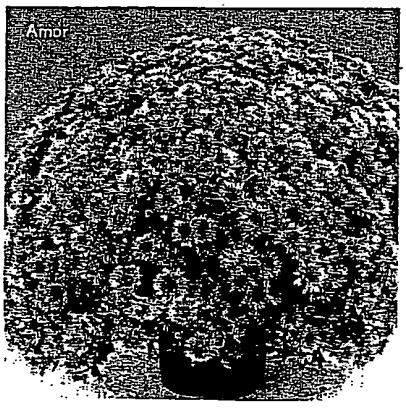

Ellison (yellow) - Patterson (pink) - McBrien (purple)

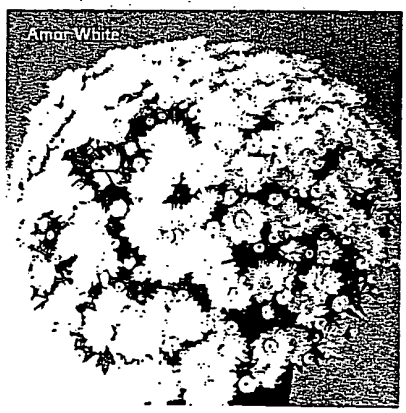

Multiflora©

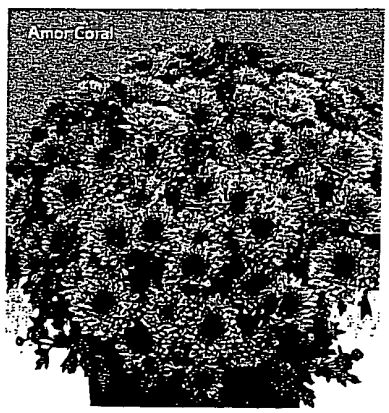

Tripoli Red


Tripoli Dark


Iris

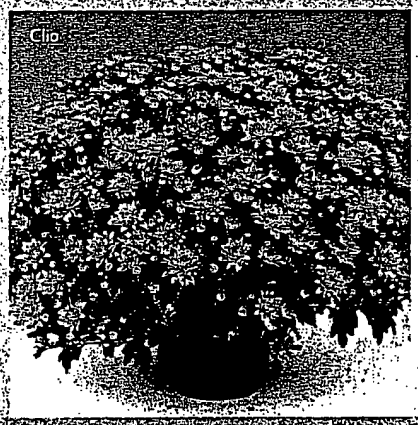

Amor

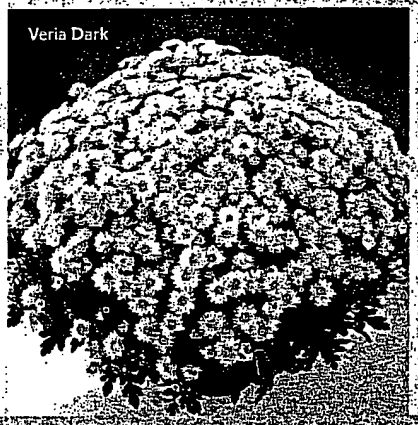

Amor White

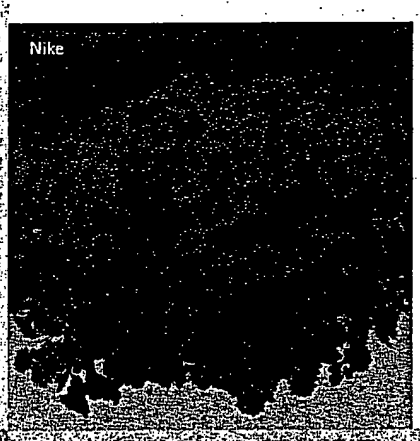

Amor Coral

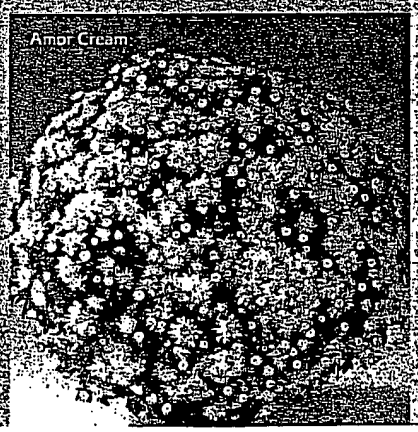
Multiflora®

	Name	Colour petals	Specification	Colour centre	Plant week	Flower week
White						
Daisy	Papiro	white		yellow	10-26	43
Decorative	Amor White	white		white	10-26	38
	Odysseus	white		white	10-25	37
Yellow • Cream • Lemon						
Anemone	Veria Dark	yellow	dark	yellow	10-26	43
Decorative	Amor Cream	cream		cream	10-26	38
	Isis	lemon		white	10-26	43
Pink • Purple						
Daisy	Tripoli Dark	purple	dark	yellow	10-26	43
	Zeus	pink		green	10-26	43
Decorative	Amor	pink		pink	10-26	38
	Amor Coral	pink		coral	10-26	38
	Oberon	purple	dark	purple	10-25	37
Orange • Red • Bronze						
Anemone	Sapiro	bronze		green	10-25	43
Daisy	Clio	bronze		green	10-26	38
	Helios	bronze		yellow	10-25	37
	Tripoli Red	red		yellow	10-26	43
Decorative	Nike	orange	dark	orange	10-26	38

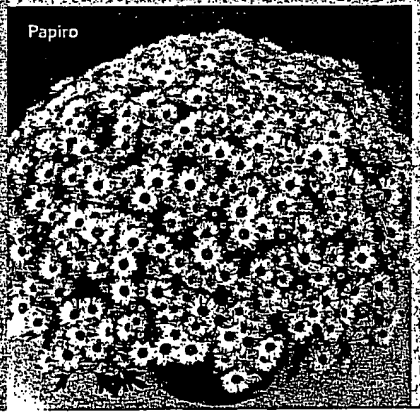














Aster

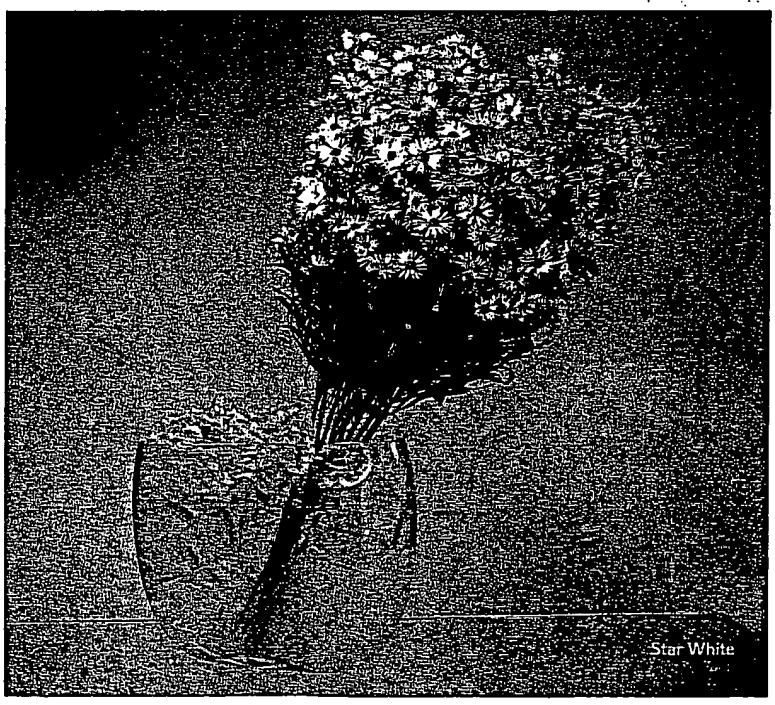
Aster pot						
	Crown® Fortuna	5.5	pink	dark	yellow	05-35
	Crown® Duke®	5.5	pink		yellow	05-35
	Crown® Dynasty®	5.5	blue		yellow	05-35
	Crown® Diamond®	6	white		yellow	05-35
Aster cut						
	Star Blue	5.5	blue		yellow	03-33
	Star Pink	5.5	pink		yellow	03-33
	Star White	5.5	white		yellow	03-33

CBA agents

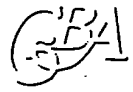
Name				
Canada				
C.O.P.F. Mrs. Peggy Walsh Craig	P.O. Box 21083 RPO Algonquin	North Bay Ontario P1B 9N8, Canada	+17 054 952 563 +17 054 951 449 (fax)	info@copf.org
Greece				
Greneth Consultancy B.V. Mr. Jaap Jan Vermeulen	P.O. Box 309 1430 AH	Aalsmeer The Netherlands	+31 297 36 90 80 +31 297 34 78 99 (fax)	info@greneth.com
Italy				
Mr. Alberto Callegari	Vicolo Agricola 8	33100 Udine Italy	+39 0432 295 443 +39 0432 298 308 (fax)	albertocallegari@ adriacom.it
Japan				
Seikoen Mr. T. Yamate	Hiroshima Pref 729-31	Kanemaru Shinichi-Ashina Japan	+81 847 53 8211 +81 847 53 8255 (fax)	t-yamate@ seikoen-kiku.co.jp
Korea				
Daeyang Flowers Seeds & Seedling Co., Ltd Mr. E.D. Hwang	Room no. 203 Hansung Bldg. # 1578-5 Seocho-Dong, Seocho-Gu	Seoul Korea	+82 2 522 2871 +82 2 522 2874 (fax)	dyhoriti@komet.net
Poland				
Mr. Janusz Zdanowski	Bartoszewicza Str. 1 c fl 21	Warsaw Poland	+48 228 279 825 +48 228 279 825 (fax) +48 6 06 99 09 55 (mobile)	
Scandinavia				
Royal Van Zanten Van Zanten Skandinavien A/S Mr. Verner Jensen	Busholmvej 30	DK-6000 Kolding Denmark	+45 755 68 344 +45 755 68 322 (fax)	vj@vanzanten.dk
South Africa				
Royal Van Zanten Van Zanten South Africa (Pty) Ltd. Mr. Hans van der Arend	Private Bag X5006	Brits 0250 South Africa	+27 122 540 392 +27 122 540 117 (fax)	h.vanderarend@ royalvanzanten.com
Spain				
Mr. Luis Masvidal	Martinez Valls no. 16	0348 Cabrills Barcelona, Spain	+34 937 509 837 +34 937 509 738 (fax)	royalagro@ ibernet.com



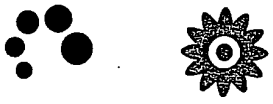








CBA N.V. Abraham Mendes Chumaceiro Boulevard 11 Willemstad Curaçao
Telephone +599 94 616 338 Fax +599 94 615 847
cba@curacao-web.com www.cba-nv.com



Van Zanten Cuttings B.V. Korte Kruisweg 163 P.O. Box 29 2676 ZG Maasdijk The Netherlands
Telephone +31 (0)174 52 68 68 Fax +31 (0)174 52 68 88
cuttings.nl@royalvanzanten.com www.royalvanzanten.com



Sunfield Holland B.V. Zonneveldslaan 15 P.O. Box 44 2235 ZG Valkenburg ZH The Netherlands
Telephone +31 (0)71 407 37 44 Fax +31 (0)71 407 65 41
more@sunfield.nl www.sunfield.nl

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

BEST AVAILABLE COPY

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

THIS PAGE BLANK (USPTO)